

Receiving Report

Date: 15 Oct 5

Batch No: 131473

Supplier: metacastle

Dart P/O: _____

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☐ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☐
 Shipment Complete: Yes ☐ No ☐ N/A ☐
 QC18 Inspection ☐ N/A ☐
 Work Order ☐ N/A ☐

Discrepancies:

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

Production/Admin:

Date

Received/Costing

Initial

Location



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO27134

Purchase Order Date 1/20/2015

PO Print Date 1/20/2015

Page Number 1 of 3

Order From : VC-MET001
METAUX CASTLE
A.M. CASTLE & CO. (CANADA) INC. - C/O 910720
P.O. BOX 4090 STN A
TORONTO, ON M5W OE9
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 514 694 9575

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 10
Currency CAD
FOB FCA - (Free Carrier)

131473

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M174PH-H900R0.500	17-4SS H900 ROUND BAR 0.500	1/27/2015 Yes 1/27/2015		120.00	\$4.78	\$573.60

MATERIAL: 17-4 PH COND. H900
AS PER AMS 5643

NOTE:
PLEASE SHIP ALL MATERIAL TO METCOR INC.
560 BOULV. ARTHUR SAUVE
SAINT-EUSTACHE, QC
J7R-5A8
450-473-1884

~~\$15-02-53~~
~~\$15-02-53~~

Line Total: \$573.60

Note:

1/20/2015

**Castle Metals®**

A. M. Castle & Co.

**BORDEREAU DE MARCHANDISES
CERTIFICAT DE CONFORMITE**

Page 1 of 1

No de Formulaire d'Emballage / Pack Slip No: 1986421

Expédié de / Ship From: A. M. Castle & Co. (Canada) Inc. Toronto 2150 Argentia Road MISSISSAUGA, ON L5N 2K7		Vendu à / Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA		Expédié à / Ship To: METCOR INC. 560 BOUL. ARTHUR-SAUVE SAINT-EUSTACHE, QC J7R 5A8 CA		Livré à / Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	
Date d'expédition / Date Shipped	F.O.B.	Modalités de transport / Freight Terms		Transporteur / Carrier	No du Bon de connaissance / BOL No		N° de livraison / Delivery No
26-JAN-2015	ORIGIN	Prepaid		CASTLE_NETWORK	1995573		119929507
Détails d'expédition / Shipment Details				Destination finale / Final Destination Branch -			
N° de commande / Order No	N° de ligne Line No	N° d'article / Item No		Description			
3702771	1	14961.MO		0.5000.RD.17CR-4NI.STAINLESS.CF.SOL.TR.COND.A.144.0000 CUT TO 145.875 IN () - CUT IN 4TH'S SPECIFICATIONS: AMS 5643			
N° de bon de commande / Purchase Order No		Nbre de pièces / Part Number		Qté commandée / Ordered Qty		Qté Facturée / Invoice Qty	
27134				10.00 PCS		121.5625 FT	
Détails / Details							
Usine / Mill	No de coulee / Heat Number	Code mec / Mech Id	Qty or PCS	Largeur/ Width (IN)	Longueur/ Length (IN)	Qté expédiée / Shipped Qty (LBS)	
VALBRUNA CORPORATION	261341		10			81.2038	
<small>Nous certifions par la présente que le matériel couvert par cette certification est conforme aux spécifications susmentionnées et aux exigences applicables pour le matériel, y compris toute spécification faisant partie de la description. Les rapports d'essai sont archivés pour fins de consultation. Toute requête concernant du matériel défectueux sera rejetée à moins qu'elle ne soit faite par écrit à A. M. Castle & Co. dans les 60 jours suivant la livraison. Le matériel coupé sur mesure ou coupé par le client ne peut être retourné pour crédit. We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.</small>							
Ce matériel a été reçu et inspecté par Reviewed by Authorized Castle Metals Representative:			Date:		Name:		

SP15-025

Acciaierie Valbruna S.p.A.



CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004) , 3.1

3610D VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Ciente / Besteller/Kunden/Cliant
VALBRUNA CANADA LTD
8724 HOGATE CRESCENT
L5T 5Z1-MILTON, ONT L5T 5Z1-CA

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Usine productrice

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI13037321
Lieferungsbezeichnung/Packing list/8.1

Ordine nr: 311004478 Stock - Canada
Bestell-/Vow order/Commande

Certificato nr: MEST444351/2013/ 1
Prüfung/Test/Essai

Conferma ordine nr: E113009446
Werk-/Our Order/Ref nr.

Marchio di Fabbrica:
Zeichen des Lieferanten
Trade mark
Sigle de l'usine productrice



Stato di fornitura: Hot rolled - COND. A Centerless Ground
Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD
Erzeugnisbezeichnung/Marking process/Mode d'elaboration

Punzone del Collaudatore:
Stempel des Werkstoffverständigen
Inspector's stamp/Plombon de l'essayeur

Specifiche:
Anforderungen / Requirements / Exigences

3174-01 35 630 A
ASME SA564 2013 S17400 A (0)

AMS 2303 F.
ASTM A564 2010 S17400 A

AMS 5643 S S17400 A

(0) SECTION II PT.A 2013 EDITION

Qualità: 630
Werkstoff/Grade/Qualité

Marca: V174
Markenbezeichnung
Brand/Marque

Tolleranza: ASTM A484-11 TABLE 7
Toleranz/Allowance/Tolérance

Punzonatura: 630
Kennzeichnung/Marking/Marquage

Pos. nr. Pos. nr. Item nr. Nr. de poste	Oggetto Gegenstand Product description Descript. du produit	Dimensioni - In Abmessungen Dimensions Dimension	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Coulée	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Losn. Lot nr. Lot nr.
0040	Round	0,5000	144 / 148	261341		1.559	312807210

TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf lieferbarem produkt test à l'état de livraison Prueba sobre el material así como entregado

TEST	Provetta/Probe Long diam. Spec. With diam. Spec. Long diam. Spec. mm	°F	Posiz. Saggio Position Position	Snervamento Stressing Yield Stress Limit to elastic Rp 0,2% k.s.i.	Snervamento Stressing Yield Stress Limit to elastic Rp 0,2% k.s.i.	Resistenza Zugfestigkeit Tensile strength Resistance à traction Rm k.s.i.	Allungamento Bruchdehnung Elongation Allongement E 4d %	Strizione Bruchdehnung Reduction of area Striction RA %	Resilienza Kerbschlagarbeit Impact Value Resilience	Durezza Härte Hardness Dureté HB
Valori richiesti 1 Anforderungen/Required values Valeurs demandées		min max				175				363
A	12.7	68	L	133		159	8	48		344

TEST	min	max
B Delta Ferrite		5,0
B RATINGS FREQUENCY		1,10
B RATINGS SEVERITY		1,05

Sample cond. H900

Campione con: N°000											
Tipo Trattamento	Temperatura	Raffreddamento	Permanenza	Tipo Trattamento	Temperatura	Raffreddamento	Permanenza	Tipo Trattamento	Temperatura	Raffreddamento	Permanenza
Wärmebehandlung	Temperatur	Abkühlung	Haltezeit	Wärmebehandlung	Temperatur	Abkühlung	Haltezeit	Wärmebehandlung	Temperatur	Abkühlung	Haltezeit
Heat Treatment	Temperature	Cooling	Retention	Heat Treatment	Temperature	Cooling	Retention	Heat Treatment	Temperature	Cooling	Retention
Traitement Thermique	Température	Refroidissement	Mantien	Traitement Thermique	Température	Refroidissement	Mantien	Traitement Thermique	Température	Refroidissement	Mantien
Aging	900 °F	AIR	60								

TEST	Provetta/Probe	Posiz. Saggio Position Position	°F	Snervamento	Snervamento	Resistenza	Allungamento	Strizione	Resilienza	Durezza	
	Resistant/probe Long diam. Spec. With diam. Spec. Long diam. Spec. mm			Stressing Yield Stress Limit to elastic Rp 0,2% k.s.i.	Stressing Yield Stress Limit to elastic Rp 0,2% k.s.i.	Tensile strength Resistance à traction Rm k.s.i.	Bruchdehnung Elongation Allongement E 4d %				Reduction of area Striction RA %
Valori richiesti 1			min	170	-	190	10	-	40	388	
Anforderungen/Required values			max							444	
Valeurs demandées	B	12,5	68	L	190		205	18	60		430

Mechanical properties according to ASTM A370.
Delta Ferrite according to AMS 2315.

1) L - longitudinale/längs, T - transversale/quers, O - Tangenziale/tangentiel

Vicenza, 24/02/14 VCO008 (Mod. MCE2)	Il collaudatore di stabilimento / der Werkstoffverständiger / Works Inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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Acciaierie Valbruna S.p.A.



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36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4

Cliente / Besteller/Purchaser/Clerit
VALBRUNA CANADA LTD
8724 HOLTGATE CRESCENT
L5T 5Z1-MILTON, ONT L5T 5Z1-CA

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Item/Usine production

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI13037321
Lieferanzeige/Packing list/V.S.L.

Certificato nr: MEST444351/2013/ 1
Prüfung/Test/Essai

Conferma ordine nr: EI13009446
Works/Ord. Order/Ref. nr.

Marchio di Fabbrica:
Zeichen des Werksachverständigen
Trade mark
Sigle de l'usine production



Stato di fornitura: Hot rolled - COND. A Centerless Ground
Lieferzustand/Delivery state/Etat de livraison

Tipo di Elaborazione: E+AOD
Erschmelzungs-/Melting process/Mode d'elaboration

Punzone del Collaudatore:
Stempel des Werksachverständigen
Inspector's stamp/Pointon de l'essayeur

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata Heat Schmelze/Coulée	min max 0,070	1,00	1,00	15,00 17,50	0,50	3,00 5,00	3,00 5,00	0,040	0,030						
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	P %	S %	Ta %					
261341	0,044	0,43	0,47	15,12	0,15	3,23	4,58	0,025	0,001	0,0001					

Colata Heat Schmelze/Coulée	min 5°C max 0,450	0,150 0,450									
	Cb(Nb)%	Nb%+Ta%									
261341	0,274	0,274									

Reduction ratio > 3 : 1

Annealing temperature 1904 deg. F for 1 h , air
cool to below 90F.

Macroetch test per ASTM E340: acceptable.

Material annealed 1070C for 0,5h min/air cooled.

Furnace calibrated according to AMS-H-6875;A;APRIL 2006

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind b. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le matériel a été fourni conforme aux exigences

Controllo antimiscelanza: OK
Verwechslungsprüfung: spezialanalytisch durchgeführt
Anmischung (testing performed): OK
Contrôle antimélange (all): i.a.s.

Controllo visivo e dimensionale: soddisfa le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks satisfactory
Contrôle visuel et dimension: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, s., 4.3 by TÜV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

Vicenza, 24/02/14

VCC0008
(Mod. MCE2)

Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine

M. Rizzotto

Pagina - 2 di 2